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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Dan Raphaeli

International Application No.: PCT/IL2004/000969

Title: Digital input signals constructor providing analog representation thereof

Priority Data: US provisional 60/514,003 27-October-2003

Assistant Commissioner for Patents  
Washington DC 20231

**PRELIMINARY AMENDMENT**

Dear Sir

Prior art examination of the merits, please amend the applications as follows:

**In the claims:**

3. (amended) The method of claim 1 wherein said MIMO system comprises passive components, [model incorporates and compensated for most of the noise created by the digital input signals constructor of the present invention, contaminating the digital input signal or the intermediate signals.]
4. The method of claim 1, further comprising [wherein said model incorporates and compensated for] clock skew.
6. The method of claim 1, wherein said identifying comprising identifying the inverse relation.
22. The method of claim 1, wherein said constructing at least one digital input signal and providing at least one analog representation signal thereof comprising:
  - (a) at least one additional [DSP, k] discrete output devices, and MIMO system having a model, being fed by said at least one digital input